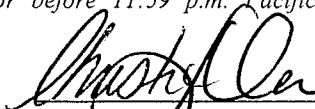


PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
AMENDMENT TRANSMITTAL LETTER**

*I hereby certify that this correspondence is being electronically filed with the United States Patent and Trademark Office on June 9, 2009 at or before 11:59 p.m. Pacific Time under the Rules of 37 CFR § 1.8.*

  
Christina L. Vann

Applicant : Gregory G. Spanjers  
Application No. : 10/701,030  
Filed : November 3, 2003  
Title : DUAL-MODE CHEMICAL-ELECTRIC THRUSTERS FOR  
SPACECRAFT  
Grp./Div. : 3643  
Examiner : Timothy D. Collins  
Docket No. : 51438/W382

Confirmation No. 6147

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Post Office Box 7068  
Pasadena, CA 91109-7068  
June 9, 2009

Commissioner:

Enclosed is an amendment to the above-identified application.

CLAIMS AS AMENDED						
	Claims Remaining After Amendment	Highest Number Paid For	Number Extra Claims	Small Entity Rate	Large Entity Rate	FEE
Total Claims Fee	36	*36	0	0 x \$26.00	0 x \$52.00	0
Independent Claims	2	** 3	0	0 x \$110.00	0 x \$220.00	0
Multiple Dependent Claims ***				\$195.00	\$390.00	0
TOTAL FILING FEE						0
NO ADDITIONAL FEE REQUIRED	IF NO FEE REQUIRED, INSERT "0"					0
LIST INDEPENDENT CLAIMS: 1 and 36						
* IF HIGHEST NUMBER PREVIOUSLY PAID FOR IS 20 OR LESS, WRITE "20" IN COLUMN 3 ** IF HIGHEST NUMBER PREVIOUSLY PAID FOR IS 3 OR LESS, WRITE "3" IN COLUMN 3 *** PAY THIS FEE ONLY WHEN MULTIPLE DEPENDENT CLAIMS ARE ADDED FOR THE FIRST TIME						

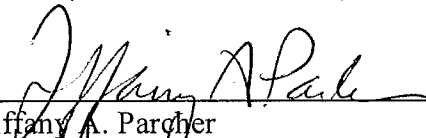
**Amendment Transmittal Letter**  
**Application No. 10/701,030**

\_\_\_\_\_ Attached is our check for \$0 to pay the fees calculated above.  
\_\_\_\_\_ A Petition for Extension of Time and the required fee are enclosed.  
\_\_\_\_\_ Other enclosures:

The Commissioner is hereby authorized to charge any fees under 37 CFR 1.16 and 1.17 which may be required by or to give effect to this paper to Deposit Account No. 03-1728. Please show our docket number with any charge or credit to our Deposit Account.

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By   
Tiffany A. Parcher  
Reg. No. 58,944  
626/795-9900

TP/clv

CLV PAS853749.1-\* -06/9/09 9:55 AM